

## Computers in Experimental Physics: Field Trip

Last week, you used a GPIB interface to control a simple experiment. This week, you will see how various research groups in the department use computers for their work. You will also see a replica of the Atanasoff-Berry computer developed at ISU in the 1930s.

You should stay with your group during the whole time. In case you get lost (which should not happen), the attached schedule should allow you to catch up with your group.

Objective:	Field trip to get an overview of the use of computers by various research groups in the department of physics and astronomy at Iowa State University.
Where to begin:	Meet at 2:10 in Room B54 Physics. <b>Sign the sign-up sheet at 2:10 pm and again at 5:00 pm !!!</b>
What to do:	Listen to talks and take notes in your log book. Write a one-page report on <b>one or two labs</b> you saw, what you learnt there, and how this was of interest to you.
What to turn in to your instructor:	Log book and report.
What to put in log book:	notes from talk.

### Schedule:

	Group 1	Group 2
2:10	Meet in B54 Physics (221 Helproom) and sign sign-up sheet	
2:15-2:35	Anand Shastri, A116 Physics Addn	Robert Hoversten, A332 Physics Addition
2:45-3:05	Steven Kawaler, A323	Carsten Detlefs, A221
3:10-3:30	Carsten Detlefs, A221	Steven Kawaler, A323
3:35-3:55	Jerome Ostenson, A13	Bert Crawley, A426
4:00-4:20	Bert Crawley, A426	Jerome Ostenson, A13
4:30-4:50	Delwyn D. Bluhm, Mgr Ames Lab R&D Engr Services, 158D Metals Development, <b>Atanasoff-Berry computer replica</b>	
4:55	Return to B54 Physics and sign sign-out sheet.	